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DIALOG(R) File 351:Derwent WPI

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WPI Acc No: 1997-417467/199739

XRPX Acc No: N97-347646

Hand transmitter for opening and closing garage doors - has arrangement that includes transmitting stage with associated receiving stage, closing element, responder stage, transporter stage and coding unit

Patent Assignee: MARANTEC ANTRIEBS &amp; STEUERUNGS (MARA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 29706251	U1	19970821	DE 97U2006251	U	19970408	199739 B

Priority Applications (No Type Date): DE 97U2006251 U 19970408

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 29706251	U1		13		

Abstract (Basic): DE 29706251 U

The transmitting stage (6) is activated by pressing a button on the hand transmitter (1). This action sends a coded signal (5) to the receiving stage (7) on the garage doors (2). The receiving stage can be accommodated in the main control unit. In order to prevent unauthorised access, the signal (9) is coded in the coding unit (10), using displaced pulses that can be converted into a binary code word in the receiving stage. If this agrees with a reference code, the receiving stage opens or closes the doors (2).

A responder stage (8) and a transponder stage (9) can operate through the line (4), and the transponder (3) operates with the hand transmitter when the owner is in the near vicinity.

USE/ADVANTAGE - Suitable for general remote control application. Provides alternative line in case of difficulties in normal operation.

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Title Terms: HAND; TRANSMIT; OPEN; CLOSE; GARAGE; DOOR; ARRANGE; TRANSMIT; STAGE; ASSOCIATE; RECEIVE; STAGE; CLOSE; ELEMENT; RESPOND; STAGE; TRANSPORT; STAGE; CODE; UNIT

Derwent Class: Q47; W02; W05; X25

International Patent Class (Main): G08C-017/00

International Patent Class (Additional): E05B-049/00; E05F-015/20;

H04B-001/02; H04B-001/38; H04B-001/59

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): W02-G01X; W02-G05B; W05-D04A1; W05-D04G; W05-D05B; X25-U01

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